Bodies accounted Heavy. But I am not willing, by interpoſing my own Conjectures, to pre-judge the Experiments.

An Account of Two Books.

I. *Obſervations Topographical, Moral and Phyſiological made in a Journey through part of the* Low-Countries, Germany, Italy *and* France, *by* John Ray, *Fellow of the R. Society: Whereunto is added a Brief Account of* F. Willoughby *Eſq; his Voyage through a great part of* Spain. London, *printed for* J. Martyn, *Printer to the R. Society, at the Bell in St.* Pauls *Churchyard*, 1673. *in* 8°.

THis Curious and very Inſtructive *Itinerary* may well ſerve as a Pattern for Travelling with that improvement and advantage, as ought to be aimed at by all diſcreet Travellors; as containing whatever is remarkable both for Perſons and Things in thoſe places, which the Ingenious and Inquiſitive Author together with his good Company travelled through. Let his Reader be a States-man, an Eccleſiaſtick, a Philoſopher, an Artiſt, a Trades man, a Father of a Family, an Huſband-man, they will all of them find matter in this Book very proper for their reſpective Genius, Profeſſions and Callings. Here is deſcribed the Climat, Government, Revenues, Laws, Cuſtoms, Manners, Tempers, Abilities, Studies, Arts, Trades, and Natural Productions of the Countries ſpoken of; and beſides, divers Fabulous relations and ungrounded fancies refuted and rectified.

We ſhall only hint in this place the principal Heads of ſuch particulars, as belong to the purpoſe of *theſe* Tracts; in reference to which is to be noted what the Author obſerves,

1. Of the ſeveral Conſtitutions of Climats, and the difference, he found, between the Temperature of the *Air* on two oppoſite ſides of ſome Mountains.

2. Of *Waters*, as the moſt conſiderable Rivers and the Fiſhes bred therein; Of Springs, (the Original of which he diſcuſſeth,) ebbing and flowing Wells, *Spaw*-waters (particularly

(particularly thoſe about *Liege*,) Baths (eſpecially thoſe of *Aken* in Germany, and *Apona* in Italy;) of Fountains boyling, and others yielding *Petroleum* near *Montpelier*, &c.

3. Of the *Earth*, and its Productions and Inhabitants: In which Head there occur;

j. Some Inſtances of Changes made in the Earth, as of Land gained from the Sea, and Mountains conſiderably diminiſht in height.

ij. Of *Minerals*, and particularly of Mines of Precious Stones, as Amethyſts, Emerauds, Topazes, Jaſpers, Granates, *&c.* obſerv'd in the Voyage into *Spain*; of petrified Shells, which Subjects he handles both largely and ingeniouſly.

iij. Of *Plants*, more eſpecially remarked by our Travellor in all the places where he paſſed, witneſs the particular *Catalogue* of them, annexed at the end of this Book.

iiij. Of *Animals*, as Inſects, Fiſhes, Birds, *&c.* concerning which the Author gives us good hopes of a more particular Account in the *Hiſtory of Animals*, prepared by that Worthy Gentleman Mr. *Francis Willoughby*, lately deceaſed to the unſpeakable grief of thoſe that knew him.

iiij. Of the *Inhabitants* of the ſeveral Countries he was in: Where he deſcribes their Abilities, Inclinations, Manners, Studies, Exerciſes, Arts, Trades; giving a very particular deſcription of the *Italians* and *Spaniards*, and obſerving alſo ſome Peculiarities in People of ſeveral Countries, as, that ſome breed excellent Painters, Sculpters and Architects; ſome abound in Idiots and Delirous perſons above others; ſome are ſtored with Men and Women afflicted with ſwelled throats, *&c.* Taking alſo notice of the Academies and Colleges, and the Men eminent in them for Learning and Knowledge, as *Loven*, *Leiden*, *Heidelberg*, *Baſel*, *Nurenberg*, *Altorf*, *Padua*, *Bononia*, *Valence*, &c. Likewiſe of Libraries; of Cabinets or Repoſitories; of Natural Curioſities, particularly at *Delft*, *Heidelberg*, *Milan*, *Florence*, *Naples*, &c. Of notable Ædifices and curious Structures, as the extraordinary Steeple at *Strasburg* and the Church of St. *Peter* in Rome; of Whiſpering Places, Aqueducts and

Ventiducts; of remarkable Armories; of Artificial Contrivances, Inſtruments, Veſſels, Engins; as Locks to keep up water of any River for the uſe of Navigation; an Engin to raiſe Water with a chain of Buckets; a Veſſel at *Heidelberg* holding 600 Hogſheads; the *Spaniſh* Plough for ſowing Corn at equal diſtances, and one grain in a hole: Of Arts, Trades, Practices, Manufactures, as the Art of imitating China-diſhes at *Milan*, of poliſhing Jaſper, of making Moſaic Work and the compoſition of the Cement for it; of the practice of making Salt by the Sun, upon the Coaſt of the Mediterranean; the catching of Sword-fiſhes, Whales, Tortoiſes; of Coral-fiſhing; the making of Silks and Velvets; the Dying of Wool of an Incarnation colour, with a kind of Moſs growing in *Malta*; a peculiar fewel made at *Leige* of balls of Clay and ſmall beaten Coals; the Art of blanching Wax, making Venice-Sope, Verdigreece, Oyl-olive; of preparing and pickling of Capers; of drying Grapes for Raiſins; of making Confection of Alkermes; of making Sugar, Chocolata, *&c.*

Every where are interſpers'd many curious Philoſophical Remarks; as, that more Air is neceſſary for Reſpiration in hotter Countries than cold, and why? The true reaſon of the raging of Fire in cold weather: Experiments of fulminating powder without any gold in it, together with the Receipt: The extremity of Cold ſcortching and tanning the face, as well as exceſs of Heat; and many more, for which we muſt refer the Reader to the Book it ſelf.

II. Bernhardi Vareni *M.D. GEOGRAPHIA Generalis; in qua affectiones generales Telluris explicantur, ſummâ curâ quamplurimis in locis emendata, & XXXIII Schematibus novis, ære inciſis unà cum Tabulis aliquot, quæ deſiderabantur, aucta & illuſtrata ab* Iſaaco Newtono *Matheſ. Profeſſore Lucaſiano apud Cantabrigienſes, è* Societate Regia. Cantabrigiæ 1672. *in* 8°.

Errata left uncorrected in N°. 90.

Pag. 5140. l. 14. del. *for.* ibid. l. 24. r. *top-leaves.* p. 5141. l. 4. r. *Weather.* ibid. l. 5 r. *Dearths.* p. 5142. l. 26. r. *of wheat.* p. 5144. l. 11. *data fuiſſet.* ib. l. 16. r. 3byya — 4y²a. ib. l. 19. r. Ut yv, yyvy³vv. ib. l. 29. r. *latere ſiniſtro.* ib. l. 35. r. $\frac{6qqy^3 - 3yy^5}{5y^4 + 4by^3 + 2v^3}$. p. 5145. l. 6. r. 2qqya. ib. l. 17. r. *erunt itaque.* p. 5146. l. 28. r. *verſus B.* ib. l. 32. r. *normalis.* p. 5147. l. 11. r. *Lemmatibus paſſim notis.* p. 5149. l. 5. r. *Whiffle up and.* p. 5154. r. *deference.*

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